



SEVENTY SEVENTH
ANNUAL
CATALOGUE
OF
BOWDOIN COLLEGE
FOR THE ACADEMICAL YEAR
1878-9.
BRUNSWICK, MAINE.

CATALOGUE
OF THE
OFFICERS AND STUDENTS
OF
BOWDOIN COLLEGE
AND THE
MEDICAL SCHOOL OF MAINE.

FOR THE YEAR 1878 - '79.

BRUNSWICK:
TELEGRAPH PRINTING OFFICE.
1878.

TRUSTEES.

HON. JOSHUA L. CHAMBERLAIN, LL.D., PRESIDENT.

REV. JOHN ORR FISKE, D.D., VICE PRESIDENT.

REV. SEWALL TENNEY, D.D.

HON. JAMES W. BRADBURY, LL.D.

HON. JOSEPH TITCOMB, A.M.

HON. JOHN APPLETON, LL.D.

HON. JOHN B. BROWN,

HON. AMOS D. LOCKWOOD,

REV. EDWIN B. WEBB, D.D.

HON. PELEG W. CHANDLER, LL.D.

JOHN TAYLOR GILMAN, M.D.

REV. EGBERT C. SMYTH, D.D.

STEPHEN J. YOUNG, A.M., - - - TREASURER OF THE COLLEGE.

HON. FRANKLIN M. DREW, A.M., - - - - - SECRETARY.

OVERSEERS.

HON. JOHN C. DODGE, LL.D., PRESIDENT.

HON. WILLIAM L. PUTNAM, VICE PRESIDENT.

IRA P. BOOKER, Esq., SECRETARY.

REV. EDWARD F. CUTTER, D.D.

HON. DANIEL W. LORD,

HON. WILLIAM W. THOMAS,

*CHARLES A. LORD, A.M.

BARNABAS FREEMAN, Esq.

REV. STEPHEN ALLEN, D.D.

HON. RICHARD D. RICE,

REV. JAVAN K. MASON, D.D.

REV. JOHN PIKE, D.D.

REV. BENJAMIN TAPPAN, D.D.

REV. EBENEZER G. PARSONS, A.M.

HON. EDWARD P. WESTON, A.M.

THOMAS TASH, A.M.

JOHN M. BROWN, A.M.

WILLIAM HENRY TODD, M.D.

* Deceased.

REV. WILLIAM WARREN, D.D.
HON. PETER THACHER, A.M.
REV. GEORGE M. ADAMS, A.M.
HON. WILLIAM W. RICE, A.M.
REV. HENRY F. HARDING, A.M.
HON. F. LORING TALBOT, A.M.
HON. JOSEPH W. SYMONDS, A.M.
GEO. E. B. JACKSON, A.M.
HON. WILLIAM C. MARSHALL, A.M.
HON. WILLIAM P. FRYE, A.M.
HON. JOSEPH DANE, A.M.
REV. WILLIAM T. SAVAGE, D.D.
CYRUS WOODMAN, A.M.
HON. WILLIAM D. NORTHEND, A.M.
ELIPHALET F. PACKARD, Esq.
HON. DAVID R. HASTINGS, A.M.
HON. LUCILIUS A. EMERY, A.M.
THOMAS H. HUBBARD, Esq., A.M.
MELVILLE W. FULLER, Esq., A.M.
PROF. JOHN S. SEWALL, A.M.
REV. ALBERT H. CURRIER, A.M.
HON. EDWARD B. NEALLEY, A.M.
ALFRED MITCHELL, M.D.
PROF. JOTHAM B. SEWALL, A.M.
HON. SAMUEL F. HUMPHREY.
REV. EDWIN B. PALMER, A.M.

VISITING COMMITTEE.

REV. E. B. WEBB, D.D.,
 PROF. EGBERT C. SMYTH, D.D., } OF THE TRUSTEES.

HON. WILLIAM L. PUTNAM,
 GEN. JOHN M. BROWN,
 HON. DAVID R. HASTINGS, } OF THE OVERSEERS.

EXAMINING COMMITTEE.

JOHN T. GILMAN, M.D.,
 REV. SEWALL TENNEY, D.D., } OF THE TRUSTEES.

REV. E. G. PARSONS, A.M.,
 THOMAS TASH, A.M.,
 REV. J. K. MASON, D.D., } OF THE OVERSEERS.

PROF. LEVI L. PAINE, D.D., BANGOR.

REV. A. W. BURR, A.M., HALLOWELL.

REV. AUSTIN L. PARK, A.M., GARDINER.

REV. SAMUEL F. DIKE, D.D., BATH.

REV. HENRY V. EMMONS, A.M., HALLOWELL.

HON. EDWIN REED, A.M., BATH.

DANIEL A. ROBINSON, A.M., BRUNSWICK.

FINANCE COMMITTEE.

HON. JAMES W. BRADBURY,
 HON. JOHN B. BROWN, } OF THE TRUSTEES.

GEORGE E. B. JACKSON, \
 HON. JOSEPH W. SYMONDS, } OF THE OVERSEERS.

CAPT. CHARLES N. BATES, ASSISTANT TREASURER.

OFFICERS OF INSTRUCTION AND GOVERNMENT.

JOSHUA LAWRENCE CHAMBERLAIN, LL.D.,

PRESIDENT.

Edward Little Professor of Mental and Moral Philosophy.

ALPHEUS SPRING PACKARD, D.D.,

Collins Professor of Natural and Revealed Religion, and Librarian.

CHARLES WILLIAM GODDARD, A.M.,

Professor of Medical Jurisprudence.

ALONZO B. PALMER, A.M., M.D.,

Professor of Pathology and Practice of Medicine.

WILLIAM WARREN GREENE, M.D.,

Professor of Surgery and Clinical Surgery.

GEORGE LEONARD VOSE, A.M.,

Professor of Civil Engineering.

Longfellow Professor of Modern Languages.

STEPHEN H. WEEKS, M.D.,

Professor of Anatomy.

ALFRED MITCHELL, A.M., M.D.,

Professor of Obstetrics and Diseases of Women and Children.

JOHN AVERY, A.M.,

Professor of Greek and Latin.

BURT G. WILDER, M.D.,

Professor of Physiology.

CHARLES HENRY SMITH, A.M.,

Professor of Mathematics.

HENRY LELAND CHAPMAN, A.M.,

Professor of Rhetoric, Oratory, and English Literature.

FREDERIC HENRY GERRISH, A.M., M.D.,

Professor of Materia Medica and Therapeutics, and Lecturer on Public Health.

LOUIS V. CÂZIARC, A.M., BVT. CAPT. U. S. A.,

Professor of Military Science.

Also Lecturer on Constitutional and International Law.

HENRY CARMICHAEL, A.M., Ph.D.,

Professor of Chemistry and Mineralogy.

LESLIE ALEXANDER LEE, A.M.,

Instructor in Natural History.

FRANKLIN CLEMENT ROBINSON, A.M.,

Josiah Little Professor of Natural Science.

SAMUEL VALENTINE COLE, A.M.,

Instructor in Latin.

HENRY JOHNSON, A.M.,

Instructor in Modern Languages.

DANIEL ARTHUR ROBINSON, A.M.,

Instructor in the Gymnasium.

CHARLES AUGUSTUS RING, A.M., M.D.,

Demonstrator of Anatomy.

DANIEL FULTON ELLIS, M.D.,

Librarian and Registrar of the Medical School.

ACADEMICAL FACULTY.

JOSHUA L. CHAMBERLAIN, LL.D., PRESIDENT.

ALPHEUS S. PACKARD, D.D.

GEORGE L. VOSE, A.M.

JOHN AVERY, A.M.

CHARLES H. SMITH, A.M.

HENRY L. CHAPMAN, A.M., SECRETARY.

LOUIS V. CAZIARC, A.M., U. S. A.

HENRY CARMICHAEL, A.M., PH.D.

LESLIE A. LEE, A.M.

FRANKLIN C. ROBINSON, A.M.

SAMUEL V. COLE, A.M.

HENRY JOHNSON, A.M.

UNDERGRADUATES.

SENIOR CLASS.

CLASSICAL DIVISION.

NAME.	RESIDENCE.	ROOM.
Achorn, John Warren	<i>New Castle,</i>	11 M. H.
Bourne, George William	<i>Kennebunk,</i>	8 A. H.
Bowker, Heber Durgin	<i>Salem, N. H.,</i>	28 A. H.
Carleton, Henry Baird	<i>Rockport,</i>	8 W. H.
Castner, Ozro Daniel	<i>Waldoboro,</i>	12 M. H.
Davies, Oscar Sanborn Charles	<i>Sidney,</i>	21 W. H.
Fifield, Holmes Boardman	<i>Portland,</i>	9 A. H.
Henderson, Horace Eben	<i>Wiscasset,</i>	11 M. H.
Huston, Henry Augustus	<i>Damariscotta,</i>	5 W. H.

Huston, Joel Payson	<i>Damariscotta,</i>	5 W. H.
Johnson, Charles Fletcher	<i>Winslow,</i>	26 W. H.
Johnson, George Washington	<i>Bluehill,</i>	Mrs. Pennell's.
Kimball, Frank	<i>Kennebunk,</i>	28 A. H.
Lumbert, Ansel Laforest	<i>Hartland,</i>	19 A. H.
Page, Millard Kimball	<i>Houlton,</i>	21 W. H.
Pennell, Albert Henry	<i>Westbrook,</i>	9 A. H.
Ring, Henry Wilson	<i>Portland,</i>	8 M. H.
Tarbox, James Cushman	<i>Phillips,</i>	9 M. H.

SCIENTIFIC DIVISION.

Byron, Frank Melville	<i>Chelsea, Mass.,</i>	17 A. H.
Corey, Frank Stanwood	<i>Portland,</i>	8 A. H.
Davis, Walter Goodwin	<i>Portland,</i>	5 A. H.
Stearns, Seward Smith	<i>Lovell,</i>	12 M. H.

JUNIOR CLASS.

CLASSICAL DIVISION.

NAME.	RESIDENCE.	ROOM.
Bartlett, Emery Wilson	<i>East Bethel,</i>	24 A. H.
Burbank, Edwin Charles	<i>Limerick,</i>	24 A. H.
Collins, William Russell	<i>Georgetown, Col.,</i>	Mrs. Jordan's.
Dane, Walter Lee,	<i>Kennebunk,</i>	27 W. H.
Edwards, Ayres Mason	<i>Bethel,</i>	26 A. H.
Ferguson, William Proctor	<i>Shapleigh,</i>	Mrs. Shea's.
Giveen, Horace Robert	<i>Brunswick,</i>	3 A. H.
Goulding, Franklin	<i>Lewiston,</i>	25 W. H.
Hall, Frederic Winslow	<i>North Gorham,</i>	3 A. H.
Harding, Albra Hamlin	<i>Hampden,</i>	10 M. H.
Hathaway, Horace Burleigh	<i>Hallowell,</i>	25 M. H.
Holmes, Albert Harmon	<i>Bridgton,</i>	Mrs. Holmes's.
Jones, Thomas Fred	<i>Brunswick,</i>	Rev. Mr. Jones's.

Libby, Jesse Felt	<i>Locke's Mills,</i>	22 A. H.
Martin, William Pierce	<i>Medford, Mass.,</i>	A. D. Phi Rooms.
Merrill, Lyman Herbert	<i>Augusta,</i>	4 A. H.
Payson, George Shipman	<i>Portland,</i>	6 A. H.
Perkins, Walter Payson	<i>Kennebunk,</i>	22 A. H.
Purington, Frank Orrin	<i>North Anson,</i>	15 M. H.
Riley, Thomas Harrison	<i>Boston, Mass.,</i>	A. D. Phi Rooms.
Scott, John	<i>Clifton,</i>	10 M. H.
Swett, Richard Lewis	<i>Brunswick,</i>	Mr. Swett's.
Weil, George Leverett	<i>No. Andover, Mass.,</i>	21 W. H.
Whitmore, Warren Stephen	<i>Gardiner,</i>	2 A. H.
Wilson, Henry Brown	<i>Portland,</i>	5 M. H.
Wing, Henry Asa	<i>Mattawamkeag,</i>	18 A. H.

SCIENTIFIC DIVISION.

Call, William Timothy	<i>Portland,</i>	5 M. H.
Chapman, William Higgins	<i>Bowdoinham,</i>	15 A. H.
Conant, Fred Odell	<i>Portland,</i>	1 A. H.
Grindal, Herbert White	<i>Salem, Mass.,</i>	11 W. H.
Holmes, Alvin Dennett	<i>Bridgton,</i>	Mrs. Holmes's.
Maxcy, Harry Lincoln,	<i>Portland,</i>	6 M. H.
Preston, John Elmer	<i>Bath,</i>	Mrs. Preble's.

J U N I O R S .

15

Spring, Eliphalet Greely	<i>Portland,</i>	21 A. H.
Wilson, Virgil Clifton	<i>Portland,</i>	21 A. H.
Winter, Frank	<i>Bethel,</i>	26 A. H.
		36

SOPHOMORE CLASS.

CLASSICAL DIVISION.

NAME.	RESIDENCE.	ROOM.
Achorn, Edgar Oakes	Newcastle,	11 M. H.
Briry, Edward Everett	Bath,	29 W. H.
Chamberlain, Harold Wyllys	Brunswick, Pres. Chamberlain's.	
Chamberlin, Edward Henry	Westford, Mass.,	16 A. H.
Cobb, Albert Clifford	Deering,	12 A. H.
Cole, William Isaac	Brunswick,	Mrs. Cole's.
Cutler, Charles Herrick	Farmington,	27 W. H.
Dike, John	Bath,	11 W. H.
Fisher, Frederic Alvan	Westford, Mass.,	16 A. H.
Gardner, William Alexander	Augusta,	25 M. H.
Goddard, Henry	Portland,	14 A. H.
Greene, Robert Holmes	Brunswick,	Mr. Greene's.
Gregg, Artemas Fisher	Buckfield,	25 W. H.

Haggerty, Charles	<i>Webster, Mass.,</i>	27 M. H.
Harding, Carroll Everett	<i>Hallowell,</i>	22 M. H.
Hitchcock, Alfred	<i>Strong,</i>	A. D. Phi Rooms.
Johnson, Fred Laforest	<i>Pittsfield,</i>	10 M. H.
Johnson, Herbert Lewis	<i>Augusta,</i>	Rev. Mr. Jones'.
Joyce, Albert Laurens	<i>Brunswick,</i>	Mr. Joyce's.
King, William	<i>Brunswick,</i>	Mr. King's.
Lane, Leland Burton	<i>West Sumner,</i>	17 A. H.
Larrabee, Edgar Willis	<i>Gardiner,</i>	22 M. H.
Little, Frank Hale	<i>Portland,</i>	8 M. H.
Manson, John William	<i>Pittsfield,</i>	19 A. H.
Mason, Wallace Edward	<i>North Conway, N. H.,</i>	28 W. H.
Pettengill, Arthur Gooding	<i>Brewer,</i>	32 A. H.
Rogers, Albion Quincy,	<i>Pembroke,</i>	Mr. Joyce's.
Rowse, Frederic Herbert	<i>Augusta,</i>	Mr. Merryman's.
Sawyer, Carleton	<i>Cumberland,</i>	14 W. H.
Shaw, Otis Madison	<i>Salem, Mass.,</i>	11 A. H.
Skillings, Warren Porter	<i>Milford, Mass.,</i>	12 A. H.
Smith, Frank Eugene	<i>Augusta,</i>	25 M. H.
Snow, Harry Edgar	<i>Brewer,</i>	32 A. H.
Staples, Henry Loring	<i>Parsonsfield,</i>	24 A. H.
Stevens, Frederick Clement	<i>Veazie,</i>	20 A. H.
Swazey, Edward Lyon	<i>Bucksport,</i>	18 A. H.
Towle, William Warren	<i>Fryeburg,</i>	28 W. H.

Walker, John Edwin	<i>Thomaston,</i>	21 W. H.
Webster, Nathaniel Rowe	<i>Gloucester, Mass.,</i>	20 A. H.
Wheelwright, John Oliver Patten,	<i>Deering,</i>	26 W. H.
Whitten, Alvin Everett	<i>Yarmouth,</i>	16 M. H.
Wilson, John Wallace	<i>Portland,</i>	5 M. H.

SCIENTIFIC DIVISION.

Baxter, Clinton Lewis	<i>Portland,</i>	5 A. H.
Brown, William Moses	<i>Bath,</i>	29 W. H.
Manson, George Francis	<i>Bath,</i>	11 A. H.
Merrill, Ferdinand Byron	<i>Yarmouth,</i>	14 M. H.
Payson, Henry Storer	<i>Portland,</i>	6 A. H.

FRESHMAN CLASS.

CLASSICAL DIVISION.

NAME.	RESIDENCE.	ROOM.
Bates, George Francis	<i>Yarmouth,</i>	13 M. H.
Belcher, Arthur Fuller	<i>Farmington.</i>	
Blondel, Frederic Herbert	<i>Topsham,</i>	Mr. Dyer's.
Crawford, Frank Mitchell	<i>Brunswick,</i>	Mrs. Crawford's.
Crosby, Josiah Willis	<i>Dexter,</i>	10 A. H.
Curtis, Edwin Upton	<i>Boston Highlands, Mass.,</i>	6 W. H.
Curtis, William Woodside	<i>Freeport,</i>	15 W. H.
Eames, Fred Henry	<i>Bath,</i>	Mr. Eames'.
Gilman, Charles Howard	<i>Portland,</i>	6 M. H.
Goddard, Anson Morrill,	<i>Portland,</i>	14 A. H.
Goodwin, Myron Henry	<i>Gorham,</i>	28 M. H.
Holway, Melvin Smith	<i>Augusta,</i>	25 A. H.
Jennings, Elmer Ellsworth	<i>Farmington,</i>	15 A. H.

Jewett, Edward Rountree	<i>Chicago, Ill.,</i>	32 W. H.
Jordan, James Ross	<i>Brunswick,</i>	Mr. Jordan's.
Kimball, Thomas Wesley	<i>Waterville,</i>	27 M. H.
Lafly, Frederic Evans	<i>Augusta,</i>	25 A. H.
Moody, William Albion	<i>Kennebunkport,</i>	30 W. H.
Packard, Edward Albert	<i>Auburn.</i>	
Pease, Frank Herbert	<i>So. Parsonsfield,</i>	32 A. H.
Peirce, George Howard	<i>Portland,</i>	15 A. H.
Plimpton, Warren Oscar	<i>Litchfield,</i>	30 W. H.
Porter, Frank Merethew	<i>Searsport,</i>	26 M. H.
Reed, William Gardner	<i>Waldoboro,</i>	6 W. H.
Sanborn, Moses Lendsley	<i>Denmark,</i>	13 W. H.
Stearns, Irving	<i>Newry,</i>	15 W. H.
Stinchfield, Charles Eben	<i>Bridgton,</i>	13 W. H.
Stinson, Harry Howard	<i>Hallowell,</i>	26 M. H.
Washburn, John	<i>Hallowell,</i>	28 M. H.
Waterhouse, Hiram Thatcher	<i>Portland,</i>	24 W. H.

SCIENTIFIC DIVISION.

Corson, Mandaville Freeland	<i>Bridgton,</i>	Mrs. Holmes.'
Curtis, John Malcomson	<i>Brunswick,</i>	Mrs. Curtis.'
McCarthy, Eugene Timothy	<i>Peabody, Mass.,</i>	16 W. H.

Merryman, William Curtis	<i>Brunswick,</i>	Capt. Merryman's.
Perry, Albert Humphreys	<i>Brunswick,</i>	Mrs. Perry's.
Staples, Arthur Glenwood	<i>Bath,</i>	Mr. Staples.'
Winship, Frank Edmund	<i>Portland,</i>	24 W. H.

UNDERGRADUATE INSTRUCTION.

CLASSICAL DEPARTMENT.

TERMS OF ADMISSION.

Candidates for admission into the Freshman Class must produce certificates of good moral character. They will be examined in the following branches:—

Latin Grammar, including Prosody; Writing Latin; (XXXV lessons in Allen's Latin Composition are recommended as indicating the amount required;) Virgil, the *Bucolics*, *Georgics*, and six books of the *Æneid*; Cicero, seven orations; Sallust.

Hadley's Greek Grammar; Xenophon's *Anabasis*, four books, and Homer's *Iliad*, two books; Jones's Greek Prose Composition.

Arithmetic, especially Common and Decimal Fractions, Interest and Square Root. Loomis's Geometry, first and third books. * Loomis's Algebra through Quadratic Equations. *Special importance is attached to a thorough preparation in Algebra,*

English Grammar. Ancient and Modern Geography.

Real equivalents for any of the foregoing requirements will be accepted.

The time for examination is the Friday after Commencement, and the first Thursday of the first term. Candidates for admission into the other classes will be examined in the books which have been studied by the class into which admission is required. A student from another college, before he can be examined, must produce a certificate of his regular dismissal.

* Attention is called to the fact that the requirement in Algebra has been increased to include Quadratic Equations.

COURSE OF STUDY.

FRESHMAN YEAR.

FIRST TERM.----- Latin; Livy, and Composition. Greek; Odyssey, three books, and Composition. Mathematics; Plane Geometry (Loomis), with original demonstrations.

SECOND TERM.-- Latin; Livy, and Composition. Greek; Odyssey, one book, Herodotus and Thucydides, and Composition. Mathematics; Solid Geometry and Algebra, with numerical exercises in Mensuration, introducing the use of Logarithms and the Metric System.

THIRD TERM.--- Latin; Horace, Odes. Greek; Æschylus. Mathematics; Conic Sections and Trigonometry.

Ancient History through the year.

SOPHOMORE YEAR.

(At the beginning of each term students elect two of the three studies, Latin, Greek, and Mathematics.)

FIRST TERM.---- Latin; Horace, Satires and Epistles, and Terence or Plautus. Greek; Sophocles. Mathematics; Analytical Geometry. Rhetoric; Hill's Principles of Rhetoric. French; Bôcher's Otto's Grammar.

SECOND TERM.-- Latin; Cicero, Tusculan Disp. Bk. I., and Tacitus. Greek; Demosthenes de Corona. Mathematics; Differential Calculus. French; Bocher's Otto's French Reader.

THIRD TERM.--- Latin; Tacitus and Juvenal. Greek; Plato, Apology, or Phaedo. Mathematics; Integral Calculus. French; Moliere, L'Avare.

Ancient History through the year.

JUNIOR YEAR.

FIRST TERM.----- German; Whitney's Grammar and Reader. Logic; Jevons. Physics; Lectures and Recitations.

SECOND TERM.-- German; Whitney's Grammar and Reader. Analytical Chemistry. Astronomy.

THIRD TERM.--- German; Goethe, Hermann und Dorothea. Lectures on German Literature. Mineralogy and Crystallography. Botany; Gray's Lessons.

Course of Reading in English History and in the History of the United States, with an examination thereon at the close of the year. Text books recommended are Green's Short History of the English People, and Doyle's History of the United States in Freeman's Historical Course.

SENIOR YEAR.

FIRST TERM.---- Political Economy; Thompson's Social Science and National Economy. Geology; Dana's. Evidences of Christianity; Paley. Constitutional Law; Andrews.

SECOND TERM.-- Mental Philosophy; Hopkins' Study of Man. Evidences of Christianity; Butler's Analogy. Chemistry; Lectures and Laboratory work. International Law; Woolsey's.

THIRD TERM.--- Moral Philosophy; Gregory's Ethics. Chemistry; Lectures and Recitations. Political Philosophy.

Exercises in Composition and Oratory throughout the course.

SCIENTIFIC DEPARTMENT.

TERMS OF ADMISSION.

Applicants for admission should produce testimonials of good moral character. They will be examined in the following subjects:—

MATHEMATICS. — Arithmetic, especially Common and Decimal Fractions, Interest, and Square Root; Loomis's Geometry, Books I. and III.; *Loomis's Algebra, through Quadratic Equations.

GEOGRAPHY. — Descriptive Geography. Physical Geography, Guyot's or an equivalent.

LATIN. — The Latin required for admission in this Department is the same as that required for admission to the Classical Course.

ENGLISH. — English Grammar. In addition to the principles of English Grammar, the examination will include *Writing* a few sentences in English, on some familiar subject, reference being had to spelling and punctuation as well as to composition, and *Correction* of ungrammatical sentences composed for the purpose.

The time for admission is the Friday after Commencement, and the first Thursday of the first term. In exceptional cases applicants may be examined at other times.

Students in Engineering (not candidates for a Degree) will be received at any stage for which they are found fitted, upon examination in the appropriate studies of that course.

* Attention is called to the fact that the requirement in Algebra has been increased to include Quadratic Equations.

COURSE OF STUDY.

FRESHMAN YEAR.

FIRST TERM — Seeley's English Lessons. French; Bôcher's Otto's Grammar, Voltaire, Histoire de Charles XII. Algebra. Geometry; as in Classical Course.

SECOND TERM—French; Bôcher's Otto's French Reader. Algebra. Geometry; as in Classical Course. Elements of Drawing for Engineering Students.

THIRD TERM—French; Molière, L'Avare. Conic Sections, and Plane and Spherical Trigonometry. Surveying, with field practice. Ancient History. Drawing for Engineering Students.

SOPHOMORE YEAR.

FIRST TERM — Analytical Geometry. General Chemistry; Laboratory work. Rhetoric; Hill's Principles of Rhetoric. French; Voltaire, Histoire de Charles XII.

SECOND TERM—Differential Calculus. Chemistry. Logic; Jevon's Lessons.

THIRD TERM—Integral Calculus. Chemistry and Mineralogy. Botany; Gray's Lessons.

Drawing for Engineering Students throughout the year.

JUNIOR YEAR.

FIRST TERM — Physics, Lectures and Recitations. Physiology and Hygiene; Huxley. German; Whitney's German Grammar and Reader.

SECOND TERM—Physics, Lectures and Recitations. Zoölogy; Nicholson. Spectroscopy and Photography. German; Whitney's German Grammar and Reader.

THIRD TERM—Zoölogy. Astronomy. German; Goethe, Hermann und Dorothea. Lectures on German Literature.

Course of Reading in English History and in the History of the United States, with an examination thereon at the close of the year. Text books recommended are Green's Short History of the English People, and Doyle's History of the United States, in Freeman's Historical Course.

SENIOR YEAR.

FIRST TERM — Geology, Le Conte's Elements. Political Economy. Thompson's Social Science and National Economy. Constitutional Law; Andrews. Evidences of Christianity; Paley.

SECOND TERM—Geology; Le Conte's Elements. Mental Philosophy; Hopkins' Outline Study of Man. Chemistry; Lectures and Recitations. International Law; Woolsey.

THIRD TERM—Moral Philosophy; Gregory's Ethics. Chemistry; Lectures and Recitations. Political Philosophy.

Exercises in Composition and Oratory throughout the course.

CIVIL ENGINEERING.

The admission to this department is the same as to the Scientific department, except that a full equivalent in French will be taken, if desired, in the place of Latin. Candidates are earnestly advised, however, to fit themselves in all the Latin required for the regular course. The studies of the first and second years are those already given in the Scientific Course, except that Drawing is commenced in the Freshman year, and an extended course of Field-work is taken during the Sophomore year. Those who complete satisfactorily the four years' course in Engineering will receive the Degree of Sc.B. Students not candidates for a Degree will be received at any stage for which an examination shall show them to be fitted, and may remain for any desired time. A circular will be sent to any person desiring further information in regard to the Engineering department, containing the course of study, the cost of tuition, and specimens of the examination papers for admission.

JUNIOR YEAR.

FIRST TERM — Physics. Descriptive Geometry. Field-work, with the Transit and Level. Plotting of Plans and Profiles. Topographical and Mechanical Drawing. English Composition and German.

SECOND TERM—Physical Laboratory. Shades, Shadows and Perspective. Architectural, Topographical and Mechanical Drawing. English Composition and German.

THIRD TERM—Field-work, with the Transit and Level. Barometrical measurement of heights. Principles of Mechanism. Engineering and Mechanical Drawing. English Composition and German.

SENIOR YEAR.

FIRST TERM — Survey and Location of Roads and Railroads, Earth-work, Rock-work, Tunnelling, Foundations, and Masonry. Estimates for work. Chemistry and Metallurgy of Iron and Steel. Elements of Machinery and application of Drawing to Engineering structures, and to Mechanism. Political Economy.

SECOND TERM—Nature and strength of wood, iron and steel. Carpentry and Building. Wooden and iron bridges. Railway Superstructure and Equipment. Metal working and study of Machine Tools. General Theory and Details of the various forms of the Steam Engine, and practice in the designing of Engineering works.

THIRD TERM—River and Harbor improvements. Dams, Locks and Canals. Drainage and Sewerage. Water supply for cities. Measurement of the flow and discharge of water, with modes of estimating its power. Water wheels. Turbines and water-pressure engines. Mills and Mill work. History of Civil and of Mechanical Engineering, and History of Architecture.

POST-GRADUATE INSTRUCTION.

Facilities will be afforded to students who desire to pursue their studies after graduation either with or without a view to a Degree, and to others who wish to pursue special studies, either by themselves, or in connexion with the regular classes, without becoming matriculated members of College.

RELIGIOUS EXERCISES.

Devotional exercises, consisting of the reading of Scripture and Prayer, are held in the College Chapel every morning and Sunday afternoon, and all the students are required to be present.

Every student is also required to attend the exercises of public worship on the Sabbath at one of the churches in the village, in the choice of which each one is at liberty to consult his religious preferences.

Prayer meetings under the direction of the Praying Circle, a religious organization of the students, are held on Sunday morning and Friday evening, to which all members of the college are cordially invited.

Saturday evening there is a religious service under the direction of the Faculty, at which all the students are invited, but not required, to be present.

EXAMINATIONS.

There are Examinations at the close of the first and second terms, mainly in writing, on the work of the term in each department, and at the close of the third term an oral examination on the work of the term before the Examining Committee appointed by the Boards of Trustees and Overseers. The results of these examinations enter largely into the rank of the student, and have an important influence in determining his standing.

The students are also required to pursue, by themselves, a course of reading in English History and in the History of the United States, and to pass an examination thereon at the close of Junior year.

To meet this requirement students are recommended to make themselves familiar with Green's Short History of the English People, and with Doyle's History of the United States, in Freeman's Historical Course.

PUBLIC EXHIBITIONS DURING THE YEAR.

Two Public Exhibitions of the Senior and Junior Classes, the appointments to which are made with reference to scholarship.

Prize Declamation by members of the Junior Class.

Prize Declamation by members of the Sophomore Class.

Public competition for 1868 Prize by members of the Senior Class.

MILITARY SCIENCE.

Provision has been made, under the laws of the United States, and through the favor of the State Government, for instruction in Military Science. An officer of the Army is on duty here, and instruction is given to those who desire it in the three arms of the Service, and in the minor operations of war, with an outline of general Military Science. It is not proposed to invade in any degree the regular College course by these studies, but to profit, as far as practicable, by the provision of the Government under which this instruction is afforded as a branch of the public service.

The physical exercises of this department have long been regarded as peculiarly adapted to bring out manly strength and dignity, and to promote habits of obedience and self command, and a spirit of courtesy and honor.

THE GYMNASIUM.

In order to secure proper attention to Physical Culture, a Gymnasium has been put in successful operation. It is provided with the most approved apparatus, and is open every day except Sunday. The exercises constitute a systematic course based upon physiological and hygienic principles, and are under the immediate supervision of the Director, who will strictly prohibit any violent or injurious practice. The salutary effects of this exercise will be perceived not only in the general tone of health and strength among the students, but in the correction of physical defects and weakness, and even of incipient disease in individual cases.

Each student, not for sufficient reasons excused by the Faculty, will be required to elect between the Gymnastic and the Military Exercises.

CABINETS.

The Cabinets, available for purposes of illustration, in the Department of Natural Science, are the following:—

The Museum of the First Geological Survey of Maine.

The Cleaveland and Haiiy Collections of Minerals.

The Mineralogical and Geological Collections of the late Mrs. FREDERIC ALLEN of Gardiner, Maine.

The Shattuck Conchological Collection.

The Cushman Ornithological Collection.

The Blake Herbarium.

The Anatomical Museum.

Under certain regulations, the Cabinets are accessible to all students of the College.

By the munificence of the Hon. PELEG W. CHANDLER, of Boston, the upper portion of Massachusetts Hall has recently been converted into a large and beautiful room for a Cabinet of Natural History, in memory of the late Professor PARKER CLEAVELAND.

The various collections illustrating Natural History belonging to the College will be arranged here, and ample opportunity afforded for advanced study in this department of science.

Contributions to these Cabinets will be gratefully received and acknowledged.

LIBRARIES.

The number of volumes in the College Library is.....	19,500
Medical Library.....	4,000
Peucinian.....	7,150
Athenæan.....	5,950
Total.....	36,600

The College Library is open for consultation daily, except Sundays.

The rooms, library, and interesting collections of the Maine Historical Society are immediately contiguous to the College Library, and, under regulation, are accessible to all persons who desire to visit them.

THE GALLERY OF PAINTINGS.

By the Will of the Hon. JAMES BOWDOIN, the College in 1811 came into possession of his entire collection of paintings, about one hundred in number, procured by him with great care and expense in Europe, and considered at that time the finest collection in this country. Valuable paintings presented by other donors, including the entire collection of the late Col. GEORGE W. BOYD, have since been added. By the favor of its friends the

College is still receiving Portraits and Busts of eminent persons, and various works of art, which greatly enhance the value and attractiveness of its collections. The Gallery will be open at Library hours, and admission may be gained at other times for purposes of study by application to the President or Curator.

PRIZES.

The sum of *Thirty Dollars* is annually given to members of the Senior Class as a premium for excellence in English Composition.

Prizes amounting to *Thirty Dollars* are in like manner assigned to members of the Junior Class for excellence in Oratory at their annual Prize Declamation.

A Prize of *Ten Dollars* — called the Sewall Premium — is awarded also to members of the Sophomore Class for excellence in Declamation.

Two Prizes, one of *Thirty* and one of *Twenty Dollars*, are offered to the Senior Class by PHILIP HENRY BROWN, Esq., of Portland, for excellence in extemporaneous English Composition.

A Prize of *Sixty Dollars*, established by a donation of \$1150 from the Class of 1868, will be awarded annually to the author of the best written and spoken Oration in the Senior Class.

A Prize of *Twenty-five Dollars*, given by Prof. J. B. SEWALL of Thayer Academy, is offered to the member of the Sophomore Class who sustains the best examination in Greek, and an equal Prize, by the same donor, to the one who sustains the best examination in Latin, at the Annual Examination.

A Prize of *Three Hundred Dollars* is awarded during Sophomore year to the best mathematical scholar in the Classical course. (See Smyth Scholarship.)

PECUNIARY AID.

Meritorious students with slender pecuniary means may receive considerable assistance from the College. It should be understood, however, that good capacity, character and conduct, are indispensable conditions on which aid is given.

SCHOLARSHIPS.

BROWN MEMORIAL SCHOLARSHIPS.

A fund has been given for the support of four scholarships in Bowdoin College, by Hon. J. B. BROWN, of Portland, in memory of his son, the late JAMES OLCOTT BROWN, A.M., of the Class of 1856.

According to the provisions of this foundation, there will be paid the sum of *Fifty Dollars* annually to the best scholar in each undergraduate class who have shall graduated at the High School in Portland, after having been a member thereof not less than one year.

ALFRED JOHNSON SCHOLARSHIPS.

These Scholarships, three in number, of \$1000 each, were founded by the late Hon. ALFRED W. JOHNSON, of Belfast, in memory of his grandfather, Rev. ALFRED JOHNSON, one of the founders and earliest Trustees of the College, and of his father, Hon. ALFRED JOHNSON, one of the earliest graduates and Trustees.

SHEPLEY SCHOLARSHIP.

This is a fund of \$1000, given by the Hon. ETHER SHEPLEY, LL.D., of Portland, late Chief Justice of the Supreme Court of Maine. The income of this is to be appropriated for the aid of students who are studying to enter the ministry of the Trinitarian Congregational or Presbyterian Church.

WILLIAM SEWALL SCHOLARSHIP.

A Scholarship of \$1000, founded by Mrs. MARIA M. SEWALL, in memory of her husband, WILLIAM B. SEWALL, Esq.

MARY CLEAVES SCHOLARSHIPS.

Three Scholarships of \$1000 each, founded by the Will of the late Miss MARY CLEAVES.

MARY L. SAVAGE MEMORIAL SCHOLARSHIP.

This is a Scholarship of \$1000, founded by Rev. WILLIAM T. SAVAGE, D.D., of Franklin, N. H., in memory of his wife, MARY L. SAVAGE, for the benefit of students having in view the Christian ministry of the Evangelical Church.

JOHN C. DODGE SCHOLARSHIP.

A fund of \$1000, given by Hon. JOHN C. DODGE, of Boston, in aid of needy students in the Classical Department. The recipients to rank above two-thirds of their classmates, and to be selected by the donor.

CRAM MEMORIAL SCHOLARSHIP.

This is a Scholarship of \$1000, founded by Hon. MARSHALL CRAM, of Brunswick, in memory of his son, NELSON PERLEY CRAM, of the Class of 1861, who lost his life in the service of his country.

JAMES MEANS SCHOLARSHIP.

A Scholarship of \$1500, founded by WILLIAM G. MEANS, Esq., of Andover, Mass., in memory of his brother, Rev. JAMES MEANS, class of 1843, who died in Newbern, North Carolina, in the service of the United States.

STEPHEN SEWALL SCHOLARSHIP.

This is a fund of \$1000 given by Deacon STEPHEN SEWALL of Winthrop, the income of which is to be appropriated to aid students preparing to enter the ministry of the Evangelical Congregational Church. No student shall ever have the benefit of this fund who is not entirely free from the common use of tobacco or intoxicating liquors.

CHARLES DUMMER SCHOLARSHIP.

A Scholarship of \$1000, given by Mrs. ALMIRA C. DUMMER, in memory of her husband who was for many years a member of the Board of Overseers.

W. W. THOMAS SCHOLARSHIP.

A Scholarship of \$1000, founded by Hon. W. W. THOMAS, of Portland.

THE BUXTON SCHOLARSHIPS.

A fund at present amounting to \$1500, contributed by Citizens and Natives of Buxton, Maine, through CYRUS WOODMAN, Esq., of Cambridge, Mass., in aid of deserving students, preference being given to natives and residents of Buxton.

BENJAMIN DELANO SCHOLARSHIP.

A Scholarship of \$1000, bequeathed by the late Capt. BENJAMIN DELANO, of Bath.

AND EMERSON SCHOLARSHIPS.

A fund amounting at present to \$5215, given by the Will of the late AND EMERSON, Esq., of Boston, through Rev. Dr. E. B. WEBB, the income to go to students studying to enter the ministry of the Orthodox Congregational Church.

PIERCE SCHOLARSHIP.

A Scholarship of \$1000 bequeathed by the late Mrs. LYDIA PIERCE of Brunswick, in memory of her son, ELIAS D. PIERCE. The recipient is to be nominated by the President of the College.

SMYTH SCHOLARSHIP.

A fund of \$5000, the gift of HENRY J. FURBER, Esq., of New York, named by him in honor of the late Professor WILLIAM SMYTH. The income at six per cent. is given to that student in each Sophomore Class who obtains the highest rank in the mathematical studies of the Classical course. To determine the rank, a special examination is held in April, the result of which is combined with the rank of the five preceding terms. The successful candidate receives \$100 at the time the award is made. The remaining \$200 is paid to him in instalments at the close of each term during Junior and Senior years. If a vacancy occurs during those years, the next in rank secures the benefit of the scholarship for the remainder of the time.

In connection with this gift, Mr. Furber has also made provision for a Library Fund, the income of which is to be spent in the purchase of books for the College Library, preference being given to mathematical works.

BENEFICIARY FUNDS.

LAWRENCE FUND.

This is a fund of \$6000, given by Mrs. AMOS LAWRENCE, of Massachusetts. The income is to be annually appropriated for the payment of the whole or a part of the tuition of meritorious students in Bowdoin College who may need pecuniary assistance, preference being given to those who shall enter the College from Lawrence Academy, at Groton, Mass.

THE LORD FUND.

This is a fund of \$2000, given by DANIEL W. LORD, Esq., of Kennebunkport, the income to be appropriated to pay the tuition of meritorious students who in the opinion of the Faculty stand in need of aid. "The aid of this fund shall not be given to students who use intoxicating liquors, or intoxicating and injurious drugs of any kind, such as opium and tobacco, unless prescribed by a physician as a medicine."

THE AMERICAN EDUCATION SOCIETY.

Young men in need of aid, who are studying for the ministry of the Congregational Church, may be assisted by this Society to the amount of \$100 a year.

ANNUAL EXPENSES.

Tuition, \$75. Room rent, (half) average, \$20. Incidentals, \$10. Total regular College charges, \$105. Those who use the Laboratory of Analytical Chemistry are charged additionally at the rate of \$5 a term.

Board is obtained in town at \$2.75 to \$4.00 a week. Other necessary expenses will probably amount to \$40 a year. Students can, however, by forming clubs under good management, very materially lessen the cost of living.

Term bills are due at the end of each term, and if not paid within fifteen days after the beginning of the next term, interest will be charged, and students so indebted will not be allowed to attend recitations until their dues are paid. No student will be admitted to a higher class until all his bills due to the College shall be paid, unless for special and extraordinary reasons permitted so to do by the President and Trustees.

TERMS AND VACATIONS.

Commencement on the second Thursday of July.

Vacation, eleven weeks.

The First Term begins Thursday, eleven weeks from Commencement, and closes on the Wednesday preceding Christmas.

Vacation, two weeks.

The Second Term begins on Thursday, two weeks from the close of the first term, and continues thirteen weeks.

Vacation, one week.

The Third Term begins Thursday, one week from the close of the second term, and continues till Commencement.

At the beginning of each term the first College exercise will be morning prayers on Thursday. At the beginning of the first term, one day will be allowed for arranging rooms.

ABSENCE FROM COLLEGE.

It is of the utmost importance that students be present at College during every day of term time, and only an absolute necessity should warrant absence. Excuses for absence will be accepted only for imperative reasons, of the sufficiency of which the Faculty will judge.

When pecuniary necessity makes it unavoidable, students may, upon seasonable petition, and by vote of the Faculty, have leave of absence during a portion of term time when actually engaged in teaching, or in literary or scientific pursuits.

ACKNOWLEDGMENTS.

The following donations to the Library have been received since the publication of the Catalogue for 1878.

From the Departments and Bureaus, and the Smithsonian Institution, Washington, D. C., Public Documents and Reports of the Geological and Geographical Surveys and Explorations.

From the State, Public Documents, 29 vols.

From the State of New Hampshire, Geology of New Hampshire, vol. III.

From the State of Michigan, Geological Survey, vol. III.

From Royal Observatory, Greenwich, and from Edinburg, Astronomical &c. Observations.

From Society of Arts, London, Journal.

From American Unitarian Association, Review, and 1 vol.

From Massachusetts Historical and Horticultural Societies, their Publications.

From Peabody Institute, Baltimore, Reports.

From Argentine Government, Report of Central Argentine Commission to the Centennial Exhibition 1876.

From Prof. Ezra Abbott, LL.D., Cambridge, several volumes and pamphlets.

From Hakluyt Society, England, 2 vols.

From Howard University, Johns Hopkins' University, Essex Institute, Cobden Club, London, American Pharmaceutical Association, Masonic Institutions of Maine and Massachusetts, their respective publications.

From Hon. James S. Pike, Calais, Hon. W. J. Corthell, Dr. Frederic H. Gerrish, Messrs. Wm. Rand, George M. Hill, M. E. Wadsworth, C. D. Bradlee, Prof. G. L. Vose, Prof. John S. Lee, Mrs. T. C. Upham and others, volumes and pamphlets.

MEDICAL FACULTY.

JOSHUA L. CHAMBERLAIN, LL.D..... *President.*

ALFRED MITCHELL, M.D..... *Secretary.*

ALONZO B. PALMER, M.D..... *Pathology and Practice.*

WILLIAM W. GREENE, M.D..... *Surgery and Clinical Surgery.*

ALFRED MITCHELL, M.D..... *Obstetrics and Diseases of Women
and Children.*

CHARLES W. GODDARD, A.M..... *Medical Jurisprudence.*

FREDERIC H. GERRISH, M.D..... *Materia Medica, Therapeutics,
and Public Health.*

HENRY CARMICHAEL, PH.D..... *Chemistry.*

BURT G. WILDER, M.D..... *Physiology.*

STEPHEN H. WEEKS, M.D..... *Anatomy.*

DANIEL F. ELLIS, M.D. *Registrar and Librarian.*

CHARLES A. RING, M.D..... *Demonstrator of Anatomy.*

JOHN T. GILMAN, M.D..... *From the Board of Trustees.*

WILLIAM H. TODD, M.D. *From the Board of Overseers.*

CHARLES A. PACKARD, M.D., }
A. K. P. MESERVE, M.D., } *Visitors from Maine Medical Association.*

MEDICAL STUDENTS.

FEB.—JUNE, 1878.

NAMES.	RESIDENCES.	PRECEPTORS.
William Alden, A.B.,	<i>Portland,</i>	W. W. Greene & P. S. M. I.
George Preston Allen,	<i>Ellsworth,</i>	L. W. Hodgkins.
Reuben Richard Baston, A.B.,	<i>Monmouth,</i>	D. E. Marston.
William Russell Barry,	<i>Saint George, N. B.,</i>	J. P. Ker.
Charles Edwin Bean,	<i>Chelsea, Mass.,</i>	C. T. Bean.
Edwin Augustus Bean,	<i>Pittsfield,</i>	J. C. Manson.
Herman Irving Berry,	<i>Farmington, N. H.,</i>	D. T. Parker.
James Blaisdell,	<i>Denmark,</i>	H. H. Cole.
John Fairfield Boothby,	<i>Portland,</i>	F. H. Gerrish & P. S. M. I.
Benjamin Randall Browne,	<i>Wiscasset,</i>	S. B. Cushman.
Ellison Frank Brown,	<i>Lewiston,</i>	R. L. Harlow.
Wilber Allerd Bumps,	<i>Dexter,</i>	G. B. Clough.
Albert Henry Burroughs,	<i>Portland,</i>	F. H. Gerrish & P. S. M. I.

Albert Currier Buswell,	<i>Nashua, N. H.,</i>	G. W. Currier and A. R. Dearborn.
William Cammett, jr.,	<i>Portland,</i>	S. C. Gordon & P. S. M. I.
Jefferson Cary,	<i>Houlton,</i>	H. M. Keyser & J. Donnell.
Frederic Chesley Clark,	<i>Portland,</i>	N. A. Hersom & P. S. M. I.
John Briry Curtis,	<i>Bath,</i>	J. S. Curtis.
Frank Guy Devereux,	<i>Kezar Falls,</i>	M. E. Sweat.
Charles Andrew Dunham,	<i>Bath,</i>	R. D. Bibber.
Arthur Llewellyn Emerson,	<i>Bristol, N. H.,</i>	H. B. Fowler.
Frank Herbert Gardner,	<i>Corinna,</i>	F. C. Gardner.
Elisha Tolman Gould,	<i>North Leeds,</i>	R. S. Loring.
Selden Fred. Greene,	<i>Athens,</i>	W. B. Leavitt.
George Leander Gurney,	<i>East Corinth,</i>	J. Huckins.
Orrin Birney Hanson,	<i>Farmington, N. H.,</i>	R. B. Foss.
Melvin Alphonzo Harmon,	<i>Freedom,</i>	A. D. Merrow.
Charles Delos Hill,	<i>Limerick,</i>	S. O. Clark.
Horace Barrows Hill, A.M.,	<i>Harrison,</i>	E. H. Hill.
Eugene Holden,	<i>Oxford,</i>	A. L. Hersey.
John Dearborn Holt,	<i>Auburn,</i>	J. R. Kimball & P. S. M. I.
Ebenezer Humphrey,	<i>Jay,</i>	J. R. Eaton.
Phineas Henry Ingalls,	<i>Portland,</i>	S. H. Tewksbury & P. S. M. I.
Isaac Chase Irish,	<i>Turner,</i>	H. L. Irish.
David Ashby Kincaid,	<i>Ferry Village, Cape Elizabeth,</i>	E. E. Holt & P. S. M. I.

Charles Eugene Knight,	<i>South Livermore,</i>	C. B. Bridgham.
Alfred Greeley Ladd, A.M.,	<i>Portland,</i>	J. A. Watson & P. S. M. I.
George Edward Lane,	<i>Brunswick,</i>	A. Mitchell.
Roger John Lang,	<i>Lowell, Mass.,</i>	W. M. Hoar.
James Mellen Leavitt,	<i>Effingham, N. H.,</i>	J. W. Dearborn.
Charles Mabry,	<i>East Hiram,</i>	S. T. Brown.
John Francis Manning,	<i>Weld,</i>	W. Manning & J. R. Eaton.
Myron Lawrence Marr,	<i>Alna,</i>	A. M. Card & J. A. Smith.
James Olland McCorison,	<i>North Berwick,</i>	C. A. Packard & G. D. Staples.
George Emerald McCurdy,	<i>Union,</i>	W. A. Albee.
Seth Bradford Morse,	<i>Buckfield,</i>	J. Caldwell.
Charles Thompson Moulton,	<i>Canton,</i>	J. G. Pierce.
Roscoe Norris Moulton,	<i>Porter,</i>	M. E. Sweat.
Willie Herbert Nute,	<i>Farmington, N. H.,</i>	D. T. Parker.
Samuel Wilson Otis,	<i>Newburg,</i>	P. M. Whitten, F. O. J. & S. Hill.
James Henry O'Toole,	<i>Lowell, Mass.,</i>	W. M. Hoar.
Francis Henry Packard,	<i>West Paris,</i>	O. K. Yates.
George Putnam Perley,	<i>Bridgton,</i>	J. P. Webb.
Charles Wesley Pillsbury,	<i>Scarboro,</i>	E. S. Hannaford.
Edward Preble,	<i>Portland,</i>	F. H. Gerrish & P. S. M. I.
Daniel Prescott,	<i>Dixmont,</i>	W. C. Gordon.
Charles Byron Porter,	<i>Newport,</i>	B. Porter.

John Samuel Rand,	<i>Barnstead, N. H.,</i>	E. L. Carr.
William Gilman Reed, A.B.,	<i>Woolwich,</i>	C. A. Packard & P. S. M. I.
George German Richardson,	<i>Dixfield,</i>	H. Marble.
Frank Whitman Ring, A.M.,	<i>Portland,</i>	C. A. Ring & P. S. M. I.
Allan Ellington Rogers, A.B.,	<i>Hampden,</i>	W. Rogers.
William Henry Gulliver Rowe, SC.B.,	<i>Auburn,</i>	S. H. Tewksbury & P. S. M. I.
Frank Eugene Russell,	<i>Bath,</i>	C. A. Packard.
Ernest Westley Russell,	<i>Wilton,</i>	E. Russell & J. R. Eaton.
George Hosley Shedd,	<i>Norway,</i>	O. N. Bradbury.
William Langdon Simpson,	<i>Saco,</i>	J. L. Allen.
Henry Audubon Small,	<i>Portland,</i>	P. S. M. I.
Frederic Joseph Small,	<i>Bath,</i>	A. J. & E. M. Fuller.
Freeman Evans Small, A.B.,	<i>Rumford Centre,</i>	C. E. Philoon.
Freeman Park Smith,	<i>Brookfield, N. S.,</i>	C. S. Andrews.
Asa Vernon Snow,	<i>Petersham, Mass.,</i>	P. S. M. I.
Robert Given Stanwood, A.M.,	<i>Brunswick,</i>	A. Mitchell & P. S. M. I.
Frank Eugene Stevens,	<i>Bridgton,</i>	J. P. Webb.
William Stephenson,	<i>Portland,</i>	S. H. Weeks & P. S. M. I.
Oscar Whitney Stone,	<i>Exeter,</i>	F. N. Wheeler.
Ivory Pease Tash,	<i>Lewiston,</i>	C. H. Wentworth.
Cyrus Freeland Taylor,	<i>South Hope,</i>	W. A. Albee.
George Loring Tobey,	<i>Machiasport,</i>	W. Davis.

John Glover Thomas,	<i>Portland,</i>	L. Rogers & P. S. M. I.
George Barstow Tibbetts,	<i>Searsport,</i>	E. Hopkins.
Percy Warren,	<i>Bangor,</i>	R. K. Jones.
William Purkis Watson,	<i>Gorham,</i>	A. P. Topliff & H. H. Hunt.
George Franklin Webber,	<i>Litchfield,</i>	C. Kindrick.
George Henry Weston,	<i>Augusta,</i>	G. E. Brickett.
James Buzzell Wescott,	<i>Bath,</i>	R. D. Bibber.
Harry Atwood Weymouth,	<i>Saco,</i>	F. Quinby.
John Edward Whitmore,	<i>Bowdoinham,</i>	S. & C. W. Whitmore.
Edward Payson Wing,	<i>Brunswick,</i>	H. E. Hill & W. Bolan.
Ellery May Wing,	<i>North Livermore,</i>	I. L. Alden.
John Charles Winter,	<i>Kingfield,</i>	F. H. Russell.
George Lyman Woods,	<i>Springfield, Mass.,</i>	G. S. Stebbins.
Henry David Worth,	<i>Corinth,</i>	J. Huckins.

MEDICAL SCHOOL OF MAINE.

THE MEDICAL SCHOOL OF MAINE, by an Act of the Legislature, is placed under the superintendence and direction of the Board of Trustees and Overseers of Bowdoin College. By their joint authority all the degrees of M.D. are conferred.

The 59th Course of Lectures will commence FEBRUARY 13th, 1879, and continue sixteen weeks. The Introductory Lecture will be delivered at 3 o'clock P. M., by Prof. Frederic Henry Gerrish.

LIBRARY.

The Medical Library attached to this School is one of the best in the United States. It contains about 4500 volumes, which have been selected with much care, and is annually increasing. It embraces the works of authors of standard authority, also an extensive and valuable collection of Plates.

Each member of the Medical Class is entitled to borrow two volumes a week from the Library. Those who are candidates for examination for the degree of M. D., during the year, are permitted to exchange their books twice a week.

ANATOMICAL CABINET.

Its valuable specimens of Morbid and Comparative Anatomy are constantly increasing. It has recently been thoroughly re-arranged and enriched by valuable purchases abroad.

The Chemical Department embraces every article of apparatus essential to a complete illustration of the principles of Chemistry.

Students may also avail themselves of the facilities afforded for the study of Analytical Chemistry in the College.

CLINICS.

Clinics are held every SATURDAY MORNING during the second half of the term. Patients requiring medical or surgical advice and treatment may present themselves on Saturday mornings from 8 to 11 o'clock.

All examinations in the presence of the Class are made without charge. All surgical operations are gratuitously performed.

TERMS OF ADMISSION.

Candidates for Matriculation will be required to give evidence that they possess a good English education. Examinations will be held on THURSDAY, FEBRUARY 13th, at 9 o'clock A. M.

The Fees for admission to the several Courses of Lectures, *payable strictly in advance, and by cash only*, are \$75. Matriculation Fee, payable each term, \$5.

Pupils who have attended two full courses of Medical Lectures, one of which has been in this School, are admitted to all subsequent courses without payment of any Lecture Fees.

Students who have attended two full courses at other regular Medical Institutions, are required to pay \$25 for admission to their first course of Lectures at this School, in addition to the Matriculation Fee.

The Graduation Fee, including the Diploma, is \$20.

No student will be allowed to attend any course of lectures in this School without the certificate of the Secretary. Members of the medical profession are cordially invited to attend the lectures at any time.

Graduates of other Schools, who have been engaged three years in the regular practice of medicine, may receive a general ticket upon presentation of their diplomas and payment of the matriculation fee. Every student is expected to remain till the close of the term.

EXAMINATIONS AND GRADUATION.

Students, and particularly candidates for a Degree, are examined either daily or weekly on the subjects of the Lectures. Especial attention is directed to the fact that members of the Faculty, in each department, hold gratuitous examinations on specified evenings of each week, upon the subjects of the lectures.

The Faculty, believing it to be desirable for students to pay especial attention to the primary branches during the first portion of their course of study in order that they might be better prepared to appreciate the more advanced subjects in the latter part, voted three years ago that any student might present himself for examination in Anatomy, Physiology and Chemistry (any or all), at the regularly appointed time for examination, provided he previously presented to the Secretary satisfactory evidence that, at the close of the current term, he had completed at least twelve months of actual study, and had attended a full course of lectures in this School. They have during the present year voted additionally that any student may present himself for final examination in Materia Medica and Therapeutics, and in Obstetrics, at the regularly appointed time for examination, provided he previously presents to the Secretary satisfactory evidence that, at the close of the current term, he shall have completed at least two years of actual study and have attended two courses of lectures, the second of which must have been in this School. An official record of the result of the successful examinations shall be kept by the Secretary. The successful passage of an examination will not exempt a student from faithful attendance upon any exercises in any department during subsequent courses.

The examinations for the Degree of Doctor of Medicine are held by the Faculty of Medicine at the close of the course of Lectures, and also on the second Monday before the annual Commencement of the College, which occurs on the second Thursday in July. Degrees are conferred at Commencement.

The candidates must be twenty-one years of age, and must have devoted three years to their professional studies under the direction of a regular Practitioner of Medicine. They must have attended two full courses of Lectures in some regular, incorporated Medical Institution; and the last course, previous to examination, must have been at this School. They must deposit with the Secretary of the Faculty satisfactory certificates of good moral character, and of having pursued their Medical Studies for the required term. They must also pass a satisfactory written and oral examination in Anatomy, Physiology, Surgery, Chemistry, Materia Medica, Pharmacy, Obstetrics, Pathology and Practice. They must also present a Thesis or Dissertation on some Medical subject, a fair copy of which must be deposited with the Secretary of the Faculty at least ten days before the commencement of the Examination at the close of the Lectures. These copies are preserved in the Medical Library.

Students on arriving should call at once on the Registrar of the College, Dr. Ellis, to enter their names, present their certificates, and purchase their

tickets. They may also obtain from him all necessary information in regard to boarding-houses.

Price of Board from \$3.00 to \$5.00 per week.

The foregoing is a brief statement of the means of acquiring Medical knowledge which may be enjoyed at this Institution. No efforts will be spared which may tend to render these means beneficial, and to promote the instruction of pupils in Medical Science.

TEXT BOOKS.

ANATOMY — Gray, Quain, Leidy, Willson, Holden, Frey's Histology, and Dwight on the Head.

CHEMISTRY — Beilstein's Elements of Qualitative Analysis, Roscoe's Chemistry, Galloway's Manual of Qualitative Analysis, Fresenius Quantitative Chemistry, Hoffman's Introduction to Modern Chemistry.

PHYSIOLOGY — Foster, Flint, Dalton.

MATERIA MEDICA AND THERAPEUTICS — Bartholow, H. C. Wood, Bid-
dle, Stille, Ringer, Headland, Gerrish on Prescription Writing.

PRACTICE OF MEDICINE — Roberts, Bristowe, Flint, Aitken, Niemeyer.

PATHOLOGICAL HISTOLOGY — Reindfleisch, Virchow.

DISEASES OF CHILDREN — J. L. Smith, Vogel, West, Condie.

SURGERY — Gross, Erichsen, Druit, Greene's Questions.

SURGICAL PATHOLOGY — Billroth, Paget.

MIDWIFERY — Playfair, Cazeaux, Leishman, Schroeder.

DISEASES OF WOMEN — Thomas, Barnes, Schroeder.

MEDICAL JURISPRUDENCE — Tyler, Ordronaux, Beck.

SUMMARY.

Medical Students.....	93
Senior Class.....	22
Junior Class.....	36
Sophomore Class.....	45
Freshman Class.....	37
	140
	<hr/>
Total.....	233

ABBREVIATIONS.

A. H.....	Appleton Hall.
M. H.....	Maine Hall.
W. H.....	Winthrop Hall.
P. S. M. I.,.....	Portland School for Medical Instruction.

APPOINTMENTS AND AWARDS.

COMMENCEMENT APPOINTMENTS, 1878.

MASTERS.

English Oration, - - - - - Edwin Herbert Hall.
Valedictory, - - - - - George Croswell Cressey.

BACHELORS.

ORATIONS.

Salutatory, - Barrett Potter.
Alfred Edgar Burton, Thomas Moses Pray.

PHILOSOPHICAL DISQUISITIONS.

Daniel Henry Felch, Willis Walton French,
Philip Leigh Paine.

LITERARY DISQUISITIONS.

George Colby Purington, William Edward Sargent,
John Wentworth Thing.

DISQUISITIONS.

James Thomas Davidson, George Washington Phillips.

DISCUSSIONS.

Clarence Atwood Baker, Sanford Perry Record,
Carson Minor Jacobs, Samuel Emerson Smith.

COMPETITORS FOR CLASS OF 1868 PRIZE.

CLASS OF 1878.

Alfred Edgar Burton,
Daniel Henry Felch,
Barrett Potter,

Thomas Moses Pray,
George Colby Purington,
Samuel Emerson Smith.

JUNIOR HONORARY APPOINTMENTS.

CLASS OF 1879.

Frank Melville Payson,
Henry Baird Carleton,
Frank Stanwood Corey,
James Cushman Tarbox.

Horace Eben Henderson.
Albert Henry Pennell,
Seward Smith Stearns,

COMPETITORS FOR SMYTH SCHOLARSHIP PRIZE.

CLASS OF 1880.

Walter Lee Dane,

Frederic Winslow Hall,
Albert Harmon Holmes.

JUNIOR PRIZE DECLAMATION.

CLASS OF 1879.

Ozro Daniel Castner,
Walter Goodwin Davis,
Stephen Deblois Fessenden,
Holmes Boardman Fifield,
Horace Eben Henderson,
Joel Payson Huston,

George Washington Johnson.
Ansel Laforest Lumbert,
Willard Kimball Page,
Albert Henry Pennell,
Henry Wilson Ring,
Seward Smith Stearns.

SOPHOMORE PRIZE DECLAMATION.

CLASS OF 1880.

Emery Wilson Bartlett,
Edwin Charles Burbank,
Franklin Goulding,
Herbert White Grindal,
Thomas Fred Jones,
Jesse Felt Libby,

Thomas Harrison Riley,
Eliphalet Greely Spring,
George Leverett Weil,
Henry Brown Wilson,
Henry Asa Wing,
Frank Winter.

AWARDS IN 1878.

ENGLISH COMPOSITION.

First Prize, - - - Barrett Potter, Samuel Emerson Smith.
Second Prize, - James Thomas Davidson, Philip Leigh Paine.

CLASS OF 1868 PRIZE.

George Colby Purington.

EXTEMPORANEOUS COMPOSITION.

First Prize, - - - - - George Colby Purington.
Second Prize, - - - - - Barrett Potter.

JUNIOR DECLAMATION.

First Prize, Henry Wilson Ring. *Second Prize,* Millard Kimball Page.

SOPHOMORE DECLAMATION.

First Prize, Henry Brown Wilson. *Second Prize,* Thomas Fred Jones.

GREEK PRIZE.

Franklin Goulding.

LATIN PRIZE.

Horace Burleigh Hathaway.

SMYTH MATHEMATICAL SCHOLARSHIP.

Albert Harmon Holmes.

BROWN MEMORIAL SCHOLARSHIPS.

Alfred Edgar Burton, *Class of* '78. Harry Lincoln Maxcy, *Class of* '80.
 Holmes Boardman Fifield, " '70. Clinton Lewis Baxter, " '81.

BOWDOIN COLLEGE.

SUMMER SCHOOL OF SCIENCE.

This school was established in 1876 for the purpose of giving to teachers, graduates of colleges and others, of both sexes, a practical acquaintance with science.

The third session opened on July 15th, 1878, and extended six weeks. There were three courses offered viz.:—CHEMISTRY, MINERALOGY and ZOOLOGY.

The following is a summary of the aids to study and investigation which have been employed.

To the student in Chemistry are furnished all necessary facilities for preliminary analysis and aqueous analysis. Opportunities are given for general chemical manipulation, including glass-blowing. Instruction is also given in the use of the spectroscope.

Mineralogy is pursued by a study of crystallography, the drawing of crystalline forms, and chemical tests, the examination of the extensive collection of minerals belonging to the college, and by excursions to neighboring quarries, which furnish numerous and rare mineral species.

The course in Zoology consists of lectures with work in the zoological laboratory, each student dissecting a series of typical animals. The neighboring coast abounds in animal life, and frequent excursions are made to it for the study of living forms and the collection of material.

This School is not intended to be permanent, but it will be continued whenever the convenience of its officers will allow. There will be no session in the summer of 1879.

OFFICERS OF INSTRUCTION.

HENRY CARMICHAEL, PH.D.,.....*Mineralogy and Chemistry.*
FRANKLIN C. ROBINSON, A.M.,.....*Analytical Chemistry.*
LESLIE A. LEE, A.M.,.....*Zoology.*
WALTER A. ROBINSON, A.B.,.....*Assistant in Chemistry.*

CALENDAR.

1878.

Sept. 27.....First Term commenced.
Dec. 16.....Exhibition of Senior and Junior Classes.
Dec. 16-17.....Examination on the studies of the term.
Dec. 18.....Close of term.

VACATION OF TWO WEEKS.

1879.

Jan. 2.....Second Term commences.
Feb. 13.....Medical Lectures begin.
Mar. 31.....Exhibition of Senior and Junior Classes.
Mar. 31-April 1..Examination on the studies of the term.
April 2.....Close of term.

VACATION OF ONE WEEK.

April 10.....Third Term commences.
April 17-18.....Smyth Scholarship examination.
June 4.....Medical examination.
June 16.....Competition for 1868 Prize.
June 16-17-18....Examination of Senior Class.
June 30-July 1-2..Examination of the three lower classes.
July 8.....Class Day.
July 9.....Alumni Day.
July 10.....Commencement.
July 11.....Examination for admission to College.

VACATION OF ELEVEN WEEKS.

Sept. 25... ..Examination for admission to college.
Sept. 26... ..First Term begins.

ASSOCIATION OF THE ALUMNI.

PRESIDENT,

PROF. EGBERT C. SMYTH.

VICE PRESIDENT,

HON. WILLIAM D. NORTHEND.

SECRETARY,

SAMUEL V. COLE, A.M.

TREASURER,

PROF. HENRY L. CHAPMAN.

EXECUTIVE COMMITTEE,

PROF. ALPHEUS S. PACKARD,

GEN. JOHN M. BROWN.

ALUMNI RECORD.

It is desired to keep as full a record as possible of the residences, occupations and public services of the Alumni. Information is solicited in regard to these points, and also in regard to matters appropriate to the annual published Necrology of the College.

Communications should be addressed to PROF. A. S. PACKARD, Librarian.

